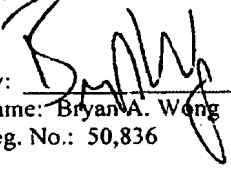
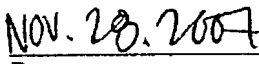


**RECEIVED  
CENTRAL FAX CENTER****NOV 28 2007****HAMRE, SCHUMANN,  
MUELLER & LARSON, P.C.**  
AN INTERNATIONAL INTELLECTUAL PROPERTY LAW FIRM**FAX TRANSMISSION      November 28, 2007****TO:    Mail Stop: AMENDMENT  
         Examiner: Christine J. SAOUD  
         Commissioner for Patents  
         PO Box 1450  
         Alexandria, VA 22313-1450****FROM: Bryan A. Wong  
  
OUR REF: 09548.1062USWO  
  
TELEPHONE: (612) 455.3800****Total pages, including cover letter:      21****PTO FAX NUMBER: 571.273.8300****If all pages are NOT received, please call us at 612.455.3800 or fax us at 612.455.3801.****Title of Documents: COMMUNICATION RE: SUBMISSION OF COURTESY COPIES OF DOCUMENTS FILED OCTOBER 9, 2007;  
COURTESY COPIES OF THE FOLLOWING: RETURN POSTCARD INDICATING RECEIPT OF DOCUMENTS BY OIPE;  
RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATION CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES AND SUBMISSION OF SEQUENCE  
LISTING (2 PAGES); COPY OF NOTICE TO COMPLY; PETITION FOR EXTENSION OF TIME; AMENDMENT AND  
RESPONSE (10 PAGES); CHANGE OF CORRESPONDENCE ADDRESS; PTO/SB/82; PTO/SB/96; VERIFICATION  
UNDER 37 CFR §1.821(f).****Applicant:    Yu et al.  
Serial No.:    10/501053  
App. Filed:    July 9, 2004  
Group Art No.: 1647****Please charge any additional fees or credit overpayment to Deposit Account No. 50-3478.  
Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of  
months to enter these papers, if appropriate.****By:   
Name: Bryan A. Wong  
Reg. No.: 50,836****I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office  
on the date shown below.****Ralynn Wilhelm**  
**Signature****NOV. 28. 2007**  
  
**Date****225 SOUTH SIXTH STREET, SUITE 2050 • MINNEAPOLIS • MN 55402  
TEL 612.455.3800 • FAX 612.455.3801  
WWW.HSML.COM • MAIL@HSML.COM**

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NOV 28 2007

S/N 10/501053

PATENTIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Yu et al.	Examiner:	Christine J. SAOUD
Serial No.:	10/501053	Group Art Unit:	1647
Filed:	July 9, 2004	Docket No.:	09548.1062USWO
Title:	POLYNUCLEOTIDE, VECTOR, HOST CELL AND METHOD FOR PRODUCING HUMAN HEPATOMA-DERIVED GROWTH FACTOR 5 POLYPEPTIDE		

CERTIFICATE UNDER 37 CFR 1.6(d):

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on November 28, 2007.

By: 

Name: Ralynn Wilhelm

COMMUNICATION RE: SUBMISSION OF COURTESY COPIES OF  
DOCUMENTS FILED OCTOBER 9, 2007

Mail Stop: AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Per a teleconference today with the Examiner, please find enclosed herewith courtesy copies of certain documents filed via Express Mail on October 9, 2007, which have not been entered into the record of the above-referenced application. Please also find enclosed a copy of the return postcard acknowledging that said documents were received in the Office of Initial Patent Examination. It is respectfully requested that the documents submitted herewith be entered into the Image File Wrapper of the application and retain the filing date of October 9, 2007.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.  
P.O. Box 2902  
Minneapolis, MN 55402-0902  
(612) 485-3800

By: 

Bryan A. Wong  
Reg. No. 50,836  
BAW/rkw

**52835**

PATENT TRADEMARK OFFICE

Dated: November 28, 2007

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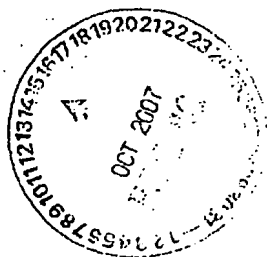
COPY

Receipt is hereby acknowledged for the following in the U.S. Patent and Trademark Office:  
In re Application of: YU Docket No: 09548.1062USWO SERIAL NO: 10/501053  
Filed: July 9, 2004 Date Mailed: October 9, 2007 EXPRESS: 068198359

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ Supplemental Information Disclosure Statement, Form 1449, 1 reference(s).
- ☒ Response to Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures and Submission of Sequence Listing; Copy of the Notice to Comply; Computer Readable Sequence listing (CD); Paper copy of sequence listing
- ☒ Petition for Extension of Time; Change of Address; Amendment and Response
- ☒ Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address;
- ☒ Statement Under 37 CFR 3.73 (b); Verification Under 37 CFR § 1.821 (f)
- ☒ Return postcard

Patent

CY:rkw



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**NOV 28 2007**

S/N 10/501053

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**COPY**

Applicant:	Yu et al.	Examiner:	Saoud, Christine J.
Serial No.:	10/501053	Group Art Unit:	1647
Filed:	July 9, 2004	Docket No.:	09548.1062USWO
Title:	POLYNUCLEOTIDE, VECTOR, HOST CELL AND METHOD FOR PRODUCING HUMAN HEPATOMA-DERIVED GROWTH FACTOR 5 POLYPEPTIDE (Amended)		

**CERTIFICATE UNDER 37 CFR 1.10**

Express Mail mailing label number: EM088198359

Date of Deposit: October 9, 2007

I hereby certify that the papers listed below are being deposited with the United States Postal Service Express Mail Post Office to Address service under 37 CFR 1.10 in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:

Name: SHANNA GRATTON

**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT  
APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO  
ACID SEQUENCE DISCLOSURES AND SUBMISSION OF SEQUENCE  
LISTING**

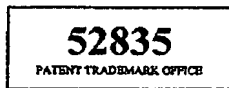
Mail Stop: AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures which was attached to the official communication dated April 6, 2007, Applicants herewith submit a substitute paper and a substitute computer readable copy of the Sequence Listing in connection with the above-identified application, along with a Verification Under 37 C.F.R. §1.82(f) of an Amendment inserting the substitute Sequence Listing into the application.

Applicants are also submitting a copy of the Notice to Comply with Requirements for Patent Applications.

In view of the above, it is respectfully submitted that the application is now in condition for allowance.



Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.

P.O. Box 2902-0902

Minneapolis, MN 55402-0902

(612) 455-3800

Dated: October 9, 2007

By: \_\_\_\_\_

A handwritten signature in black ink, appearing to read 'Rong Yang', written over a horizontal line.

Rong Yang

Limited Recognition No. L0279

CY:YM

NOV 28 2007

COPY

<b>Notice to Comply</b>	Application No. 10/501053	Applicant(s) Yu et al.	
	Examiner Saoud	Art Unit 1647	

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☒ 7. Other: Figure 1 contains amino acid sequences which are not found in the Sequence Listing.

**Applicant Must Provide:**

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216 or (703) 308-2923  
 For CRF Submission Help, call (703) 308-4212 or 308-2923  
 PatentIn Software Program Support  
     Technical Assistance.....703-287-0200  
     To Purchase PatentIn Software.....703-306-2600

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR REPLY**